



TOWN OF LAUDERDALE-BY-THE-SEA

AGENDA ITEM REQUEST FORM

TOWN ENGINEER
Department Submitting Request

JAMES BARTON
Dept Head's Signature

<u>Commission Meeting Dates</u>	<u>Last date to turn in to Town Clerk's Office</u>	<u>Commission Meeting Dates</u>	<u>Last date to turn in to Town Clerk's Office</u>	<u>Commission Meeting Dates</u>	<u>Last date to turn in to Town Clerk's Office</u>
<input type="checkbox"/> Nov 10, 2009	Oct. 30 (5:00 p.m.)	<input type="checkbox"/> Jan 26, 2010	Jan 15 (5:00 p.m.)	<input checked="" type="checkbox"/> March 23, 2010	Mar 12 (5:00 p.m.)
<input type="checkbox"/> Dec 1, 2009	Nov 20 (5:00 p.m.)	<input type="checkbox"/> Feb 9, 2010	Jan 29 (5:00 p.m.)	<input type="checkbox"/> April 13, 2010	April 2 (5:00p.m.)
<input type="checkbox"/> Dec 8, 2009	Nov 25 (5:00 p.m.)	<input type="checkbox"/> Feb 23, 2010	Feb 12 (5:00 p.m.)	<input type="checkbox"/> April 27, 2010	April 16 (5:00p.m.)
<input type="checkbox"/> Jan 12, 2010	Dec 31 (5:00 p.m.)	<input type="checkbox"/> Mar 4, 2010	Feb 19 (5:00p.m.)	<input type="checkbox"/> May 11, 2010	April 30 (5:00p.m.)

- NATURE OF AGENDA ITEM**
- | | | |
|--|---|--|
| <input type="checkbox"/> Presentation | <input type="checkbox"/> Resolution | <input type="checkbox"/> New Business |
| <input checked="" type="checkbox"/> Report | <input type="checkbox"/> Ordinance | <input type="checkbox"/> Manager's Report |
| <input type="checkbox"/> Consent Agenda | <input type="checkbox"/> Public Hearing | <input type="checkbox"/> Attorney's Report |
| <input type="checkbox"/> Bids | <input type="checkbox"/> Old Business | <input type="checkbox"/> Other |

EXPLANATION: Bocce Ball Court Expansion

STAFF RECOMMENDATION: N/A

BOARD/COMMITTEE RECOMMENDATION: N/A

FISCAL IMPACT AND APPROPRIATION OF FUNDS: TBD

- | | |
|---|--|
| <input type="checkbox"/> Amount | <input type="checkbox"/> Acct # |
| <input type="checkbox"/> Transfer of funds required | <input type="checkbox"/> From Acct # _____ |
| <input type="checkbox"/> Bid | <input type="checkbox"/> Grant <input type="checkbox"/> Amount represents matching funds |

Town Attorney review required
☐ Yes ☒ No

Town Manager's Initials: _____

March 12, 2010

Esther Colon
Town Manager
Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, FL 33308

Subject: Bocce Ball Court

The Town requested Chen and Associates investigate the possibility of installing a second bocce ball court at the park behind Town Hall. The purpose of this report is to provide the background and cost information necessary for the Town to determine what size court would be feasible and where a court could be constructed.

Background

Chen and Associates gathered background information on standards for constructing bocce ball courts and visited the site to determine possible locations. Chen and Associates also visited several other bocce ball courts in the area to better understand construction requirements.

Bocce Ball Court Specifications

A list of bocce ball court standards and specifications is attached to this report. There is some variation of length, width and building materials that can be used.

Measurements vary between 60 ft and 91 ft in length and 8 ft to 14 ft in width. Standard materials can include a combination of concrete curbing with wooden bumper boards or simply wooden bumper boards with 4x4 wooden supports.

There are variations in materials used for the court base and surface with up to 3 layers of base materials. These include a compacted sub-base, 3" base course, 1" leveling base and 1" surface clay material.

One important feature is the method of drainage. The court is inside a raised siding. Rainfall entering the court needs a way to run off. Therefore, draining the court through weep holes in the siding is necessary.

Local Courts

Chen and Associates visited other bocce ball courts in the vicinity, including the existing court at the park. The method of construction witnessed was a six inch wide concrete siding, approximately eight inches high, with the court approximately 3 inches above the ground elevation, with simple weep holes for drainage. There were no additional wood bumpers. The base materials included a base course with tennis court clay for the surface. This would be a practical construction for the Town.



Bocce Ball Court Location

On the basis of a field visit, three options for locating a bocce ball court at the park were identified.

Option 1



Placing the new court on the east side of the existing shuffle board area limits the length of the court to 60 ft. It also limits the width for the court to 8 ft. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain.

The south end of the court will abut the existing bathroom building. The difference in elevation between the bathroom floor and court will be a trip hazard. Additional work will be necessary to correct this. This work will include adding extra concrete to build steps for people to walk down to the court.

The constrained area and additional concrete work make this the least favorable option. Option 1 is not recommended.

Option 2



Placing the new court to the west side of the shuffle board is a preferred option. The maximum length of the court will be 65 ft. The width would not be constrained by the shuffle board. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain.

The length can be extended by removing or relocating an existing tree, adding to the project cost.

Option 3



A third option is to place the court along the western edge of the park. The length of the court can be increased to 70ft. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain. This option would require the removal or relocation of a medium sized tree and park exercise facilities.

Due to the necessity for relocating park facilities, Option 3 is not recommended.

Budgeting

For purposes of budgeting, a breakdown of estimated design and construction costs for a new bocce ball court is provided below. The costs are estimates based on costs for previous courts and for discussion purposes only. Previous courts were part of larger overall park construction projects, so costs for preparing the area may not be fully accounted for. None of these costs include additional amenities such as lighting, fencing or seating facilities.

Item	Estimated Cost
Survey	\$ 1,500
Engineering Design	\$ 1,500
Specifications	\$ 1,500
Permitting	\$ 500
Bidding	\$ 1,000
Construction Admin	\$ 1,500
Total Engineering	\$ 7,500
Construction Option 1	\$ 15,000
Construction Option 2	\$ 12,000
Construction Option 3	\$ 17,000
Total (Option 2)	\$ 19,500

These values are based on the above assumptions and do not constitute a final quote. This cost estimate is provided as a guideline only.

Please review this information and call me if you have any questions.

Respectfully submitted

CHEN AND ASSOCIATES
James Barton P.E.